

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	098/807519	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:44
L2	504	Keegan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:44
L3	45020	Jones.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:44
L4	24640	Moore.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:44
L5	70015	I2 or I3 or I4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:44
L6	1480	sequence adj5 (insulin or preproinsulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:48
L7	1480	sequence adj5 (insulin or preproinsulin or pre adj pro adj insulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:45
L8	1480	sequence adj5 (insulin or preproinsulin or pre adj pro adj insulin or pre-pro-insulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:45
L9	12	I8 and I5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:45
L10	215	secretory adj5 (insulin or preproinsulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:48

L11	215	(sequence or singal) adj 5 secretory adj5 (insulin or preproinsulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:48
L12	0	(sequence or singal) adj5 secretory adj5 (insulin or preproinsulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:48
L13	0	(sequence or signal) adj5 secretory adj5 (insulin or preproinsulin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:58
L14	3	(insulin or preproinsulin) adj10 (sequence or signal) adj5 secretory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 08:58
L15	19	(insulin or preproinsulin) adj5 secretory adj10 (sequence or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:16
L16	2197	somatotropin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:16
L17	51	somatotropin same mature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:16
L18	8	somatotropin adj20 mature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:26
L19	51	somatotropin same mature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:26
L20	5	somatotropin same mature and heterologous adj10 (leader or signal or prepro or pre)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:27

L21	5	somatotropin same mature and heterologous adj10 (leader or signal or prepro or pre) adj10 sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:30
L22	2	"5082783".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:31

(FILE 'HOME' ENTERED AT 09:40:07 ON 22 FEB 2005)

FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 09:40:58 ON 22 FEB 2005

L1 539343 S INSULIN OR PREPROINSULIN  
L2 338 S L1 (S) (SIGNAL OR SECRETORY) (10A) (SEQUENCE)  
L3 244 DUP REM L2 (94 DUPLICATES REMOVED)  
L4 13 S L3 AND (SOMATOTROPIN OR GROWTH (A) HORMONE)  
L5 11 S L4 AND PY<=1998  
L6 614 S MATURE (S) (SOMATOTROPIN OR GROWTH (A) HORMONE)  
L7 3 S L6 AND HETEROLOGOUS (A) (SIGNAL OR LEADER)  
L8 14 S L3 AND HETEROLOGOUS (10A) (PEPTIDE OR PROTEIN OR GENE OR CODI  
L9 377619 S KEEGAN?/AU OR MOORE?/AU OR JONES?/AU  
L10 1 S L9 AND L3  
L11 71205 S (LEADER OR SIGNAL OR SECRETORY OR PREPRO OR PRE) (10A) SEQUEN  
L12 57183 S (LEADER OR SIGNAL OR SECRETORY OR PREPRO OR PRE) (5A) SEQUENC  
L13 314 S L12 (S) INSULIN  
L14 233 DUP REM L13 (81 DUPLICATES REMOVED)  
L15 6 S L14 (S) (ST OR GH OR SOMATOTROPIN OR GROWTH (A) HORMONE)  
L16 5 S L15 AND PY<=1998  
L17 20 S L14 AND (ST OR GH OR SOMATOTROPIN OR GROWTH (A) HORMONE)  
L18 20 DUP REM L17 (0 DUPLICATES REMOVED)  
L19 18 S L18 AND PY<=1998  
L20 13 S L19 NOT L16

=>

From: Marvich, Maria  
Sent: Tuesday, February 22, 2005 9:10 AM  
To: STIC-Biotech/ChemLib  
Subject: 09/807519

CRFE

*Please search SEQ ID NO:1 including an interference search.*

*Thank you*

Maria Bonovich Marvich, PhD  
United States Patent and Trademark Office  
Remsen 2B84  
AU 1636  
Mail Box 2C70  
571-272-0774

MALWMRLLPLLALLA

1-24aa

\*\*\*\*\*

## STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2- \_\_\_\_\_  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

## Type of Search

NA Sequence: # \_\_\_\_\_  
AA Sequence: # \_\_\_\_\_  
Structure: # \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

\*\*\*\*\*

## Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_

Date completed: \_\_\_\_\_

Search Site

Vendors